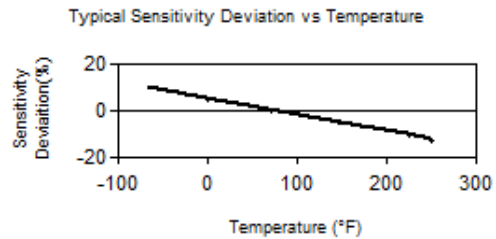


Performance	ENGLISH	SI	
Sensitivity(± 20 %)	10 mV/g	1.02 mV/(m/s <sup>2</sup> )	
Measurement Range	± 500 g pk	± 4905 m/s <sup>2</sup> pk	
Frequency Range(± 5 %)	2.0 to 10,000 Hz	2.0 to 10,000 Hz	
Frequency Range(± 10 %)	1.5 to 15,000 Hz	1.5 to 15,000 Hz	
Frequency Range(± 3 dB)	0.7 to 25,000 Hz	0.7 to 25,000 Hz	
Resonant Frequency	≥ 70 kHz	≥ 70 kHz	
Broadband Resolution(1 to 10,000 Hz)	0.003 g rms	0.03 m/s <sup>2</sup> rms	[1]
Non-Linearity	≤ 1 %	≤ 1 %	[2]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 5000 g pk	± 49,050 m/s <sup>2</sup> pk	
Temperature Range(Operating)	-65 to +250 °F	-54 to +121 °C	
Temperature Response	See Graph	See Graph	[1]
<b>Electrical</b>			
Excitation Voltage	22 to 30 VDC	22 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	≤ 200 Ohm	≤ 200 Ohm	
Output Bias Voltage	9 to 16 VDC	9 to 16 VDC	
Discharge Time Constant	0.24 to 1.0 sec	0.24 to 1.0 sec	
Settling Time(within 10% of bias)	<3 sec	<3 sec	
Spectral Noise(1 Hz)	1500 µg/√Hz	14,715 (µm/sec <sup>2</sup> )/√Hz	[1]
Spectral Noise(10 Hz)	400 µg/√Hz	3924 (µm/sec <sup>2</sup> )/√Hz	[1]
Spectral Noise(100 Hz)	120 µg/√Hz	1177 (µm/sec <sup>2</sup> )/√Hz	[1]
Spectral Noise(1 kHz)	30 µg/√Hz	294 (µm/sec <sup>2</sup> )/√Hz	[1]
Spectral Noise(10 kHz)	20 µg/√Hz	196 (µm/sec <sup>2</sup> )/√Hz	[1]
Electrical Isolation(Base)	>10 <sup>8</sup> Ohm	>10 <sup>8</sup> Ohm	
<b>Physical</b>			
Size (Height x Length x Width)	0.11 in x 0.34 in x 0.16 in	2.8 mm x 8.6 mm x 4.1 mm	[1]
Weight	0.007 oz	0.2 gm	
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Anodized Aluminum	Anodized Aluminum	
Sealing	Epoxy	Epoxy	
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack	
Electrical Connection Position	Side	Side	
Mounting	Adhesive	Adhesive	

**OPTIONAL VERSIONS**  
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

**NOTES:**  
[1] Typical.  
[2] Zero-based, least-squares, straight line method.  
[3] See PCB Declaration of Conformance PS023 for details.

**SUPPLIED ACCESSORIES:**  
Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)  
Model 039A26 Removal Tool (1)  
Model 080A109 Petro Wax (1)  
Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)



Entered: LK	Engineer: SDS	Sales: KK	Approved: JJB	Spec Number:
Date: 4/30/2019	Date: 4/30/2019	Date: 4/30/2019	Date: 4/30/2019	<b>67322</b>

All specifications are at room temperature unless otherwise specified.  
In the interest of constant product improvement, we reserve the right to change specifications without notice.  
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